

## 2003 Flash Flood / River Flood Related Fatalities

In 2003, flooding (flash floods, river floods, and urban/small stream floods) was the most hazardous weather, causing 86 fatalities, up from 49 in 2002. This total is 37 more than in 2002 and just above the 10-year average of 84 deaths. Of the 86 fatalities, 45% (39) victims were in vehicles and 24% (21) were directly in water. Kansas, Mississippi and North Carolina suffered the highest number of fatalities with seven each, followed closely by California, Puerto Rico, Tennessee, Virginia and West Virginia with six each. Flash floods caused 67 deaths and river floods caused 18, with one death attributed to small stream or urban flooding. The 30- to 39-age group suffered the most loss with 16 fatalities. Of the victims, 58 (67%) were male and 28 (33%) were female.

### 2003 FLASH FLOOD / RIVER FLOOD FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>BO</u>	<u>BU</u>	<u>CA</u>	<u>IW</u>	<u>MH</u>	<u>OT</u>	<u>PH</u>	<u>VE</u>	<u>TOTAL</u>
AL	0	0	0	0	0	0	0	1	1
AS	0	0	0	0	0	4	0	0	4
AZ	0	0	0	1	0	1	0	1	3
CA	0	0	0	1	0	2	0	3	6
FL	0	0	0	1	0	0	0	0	1
GA	0	0	0	0	0	0	0	2	2
IL	0	0	0	0	0	0	0	1	1
IN	0	0	0	4	0	0	0	0	4
KS	0	0	0	7	0	0	0	0	7
KY	0	0	0	0	2	1	0	1	4
LA	0	0	0	1	0	0	0	0	1
MD	0	0	0	0	0	4	0	0	4
MO	0	0	0	0	0	0	0	1	1
MS	0	0	0	0	0	0	0	1	1
NC	0	0	0	0	0	1	0	6	7
NY	0	0	0	0	0	0	0	7	7
OH	0	0	0	0	0	1	3	0	4
PA	0	0	0	0	0	0	0	2	2
PR	1	0	0	3	0	1	0	1	6
TN	0	0	0	0	0	0	0	6	6
TX	0	0	0	0	0	0	0	2	2
VA	0	0	0	2	2	1	0	1	6
WV	0	0	0	1	0	2	0	3	6
<b>TOTAL</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>4</b>	<b>18</b>	<b>3</b>	<b>39</b>	<b>86</b>
<b>PERCENT</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>5</b>	<b>21</b>	<b>3</b>	<b>45</b>	<b>99*</b>

(\* Due to rounding total does not equal 100%)

### 2003 FLASH FLOOD / RIVER FLOOD FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	6	8	0	14	16
10 TO 19	3	12	0	15	17
20 TO 29	2	8	0	10	12
30 TO 39	6	8	0	14	16
40 TO 49	3	7	0	10	12
50 TO 59	2	2	0	4	5
60 TO 69	5	5	0	10	12
70 TO 79	1	3	0	4	5
80 TO 89	0	2	0	2	2
90 TO --	0	0	0	0	0
UNKNOWN	0	3	0	3	3
<b>TOTAL</b>	<b>28</b>	<b>58</b>	<b>0</b>	<b>86</b>	<b>100</b>
<b>PERCENT</b>	<b>33</b>	<b>67</b>	<b>0</b>	<b>100</b>	

#### LEGEND

**BO** - Boat  
**BU** - Business  
**CA** - Camping  
**IW** - In Water  
**MH** - Mobile Home  
**OT** - Other/Unknown  
**PH** - Permanent Home  
**VE** - Vehicle

## 2003 Flash Flood / River Flood Related Fatalities (Continued)

### 2003 FLASH FLOOD / RIVER FLOOD FATALITIES BY STATE

<u>STATE</u>	<u>FLASH FLOOD</u>	<u>RIVER FLOOD</u>	<u>TOTAL</u>
AL	1	0	1
AS	4	0	4
AZ	3	0	3
CA	5	1	6
FL	1	0	1
GA	2	0	2
IL	1	0	1
IN	2	2	4
KS	7	0	7
KY	4	0	4
LA	1	0	1
MD	4	0	4
MO	1	0	1
MS	1	0	1
NC	7	0	7
NY	5	2	7
OH	4	0	4
PA	1	1	2
PR	4	2	6
TN	4	2	6
TX	2	0	2
VA	2	4	6
WV	1	5	6
<b>TOTAL</b>	<b>67</b>	<b>19</b>	<b>86</b>
<b>PERCENT</b>	<b>78</b>	<b>22</b>	<b>100</b>

### 2003 FLASH FLOOD / RIVER FLOOD FATALITIES BY GENDER

	<u>FLASH FLOOD</u>	<u>RIVER FLOOD</u>	<u>TOTAL</u>	<u>PERCENT</u>
FEMALE	23	5	28	33
MALE	44	14	58	67
UNKNOWN	0	0	0	0
<b>TOTAL</b>	<b>67</b>	<b>19</b>	<b>86</b>	<b>100</b>
<b>PERCENT</b>	<b>78</b>	<b>22</b>	<b>100</b>	